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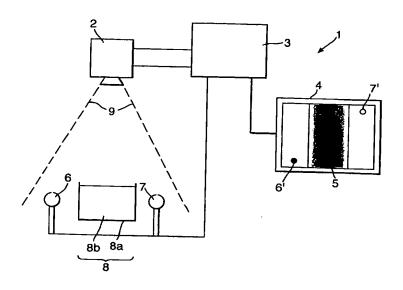
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(54) Title: THERMAL IMAGING SYSTEM AND METHOD



(57) Abstract: A thermal imaging system and method for quantitative thermal mapping of a scene. The system comprises a thermal imaging device, a heat source of known temperature and emissivity located within the scene viewed by the thermal imaging device and a processor adapted to generate a calibrated temperature map of the scene from the data supplied by the thermal imaging device, based on the known temperature of the heat source. This enables accurate temperature measurements to be made using inexpensive uncooled Focal Plane Array detectors.

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B. FIELDS SEARCHED	(IPC) or to both national classification and IPC				
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 earlier document but published on or after the filing date 	international invention	underlying the			
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